

RECYCLED STEEL

Recycled Steel — Flat Bar

SKU: VS-RS-FBS-003

Hot-rolled flat bar sourced from Gulf Coast shipbreaking yards — primarily Brownsville, Texas — and independently certified at 90%+ post-consumer recycled content. Each batch undergoes spectrographic alloy testing to verify ASTM A36 compliance before shipment. Suitable for furniture legs, shelf brackets, door hardware, architectural details, and light structural applications, this steel carries a third-party recycled content certificate and full chain-of-custody documentation for LEED submission. Producing recycled steel requires 75% less energy than virgin production and displaces 2.5 tons of iron ore mining per ton of steel recovered.

TECHNICAL SPECIFICATIONS

Form	Flat bar (hot-rolled)
Widths Available	1 in, 1.5 in, 2 in, 2.5 in, 3 in, 4...
Thicknesses	0.125 in, 0.25 in, 0.375 in, 0.5 in
Steel Grade	ASTM A36 verified
Surface Finish	Hot-rolled mill scale
Cut Tolerance	±1/16 in
Recycled Content	90%+ (certified, third-party verified)
Diversion Impact	22 lbs per 10-ft stick

SUSTAINABILITY PROFILE

Origin	Gulf Coast shipbreaking yards (primarily Brownsville, Texas)
Diversion	22 lbs per 10-ft stick from landfill
Checks	Spectrographic alloy testing (ASTM A36) surface
Lead Time	3-5 business days

CERTIFICATION CONTRIBUTION NOTES

Verdant does not guarantee certification outcomes. The following represent potential contributions subject to project-specific assessor review.

- ! LEED v4/v4.1 MR: May contribute toward Building Product Disclosure – Sourcing of Raw Materials (Option 2) via verified recycled content "e90%. May support Building Product Disclosure – Optimization (EPD pathway if supplier EPD is available).
- ! BREEAM Mat 01: May contribute via high recycled content documentation. Chain-of-custody certificate available on request.
- ! Passive House / PHIUS: Reduced embodied carbon vs. virgin BOF steel supports project-level LCA documentation. No direct Passive House credit.

VOLUME PRICING

1–9 linear ft \$3.20 / linear ft	10–49 linear ft \$2.94 / linear ft	50–199 linear ft \$2.72 / linear ft	200+ linear ft Custom wholesale quote
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Certification notes are informational only. Verdant Supply does not guarantee certification outcomes. Consult your project's assessor for credit eligibility.